

ABSTRACT OF THE DISCLOSURE

METHOD OF NON-DISRUPTIVE CAPACITY SCALING FOR A DATA
STORAGE LIBRARY

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A method for scaling a media storage library is provided, wherein the library comprises a plurality of media storage cells and at least one media picker robot. The method comprises connecting a new physical component to a section of the library. Examples of new components include additional robots, storage cell arrays, media players, as well as connecting a second adjacent library by means of a pass-through mechanism. Control software integrates this new physical component into the function of the library by auditing the content and function of the new component. During the connection and functional integration of the new component, the rest of the library continues its current operations. The method may further comprise defining at least one work zone within the library, wherein robots do not enter the work zone but continue to operate in other areas of the library.

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